

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012920\
 Data File : VX014766.D
 Acq On : 29 Jan 2020 16:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/30/2020 10:44:15 AM

Quant Time: Jan 29 23:42:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	446486	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	663929	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	602634	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	318505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	254314	48.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.56%	
35) Dibromofluoromethane	5.48	113	211239	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.71	98	808768	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
62) 4-Bromofluorobenzene	11.13	95	292562	50.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	289691	48.356	ug/l	98
3) Chloromethane	1.32	50	283260	46.896	ug/l	100
4) Vinyl Chloride	1.40	62	326754	50.032	ug/l	99
5) Bromomethane	1.63	94	206437	46.537	ug/l	98
6) Chloroethane	1.72	64	182836	48.902	ug/l	99
7) Trichlorofluoromethane	1.92	101	369195	48.550	ug/l	99
8) Diethyl Ether	2.18	74	157259	47.379	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223841	50.142	ug/l	99
10) Methyl Iodide	2.50	142	300970	51.381	ug/l	99
11) Tert butyl alcohol	3.03	59	228278	195.013	ug/l	99
12) 1,1-Dichloroethene	2.37	96	212661	47.913	ug/l	98
13) Acrolein	2.28	56	262443	284.346	ug/l	99
14) Allyl chloride	2.72	41	388015	48.636	ug/l	98
15) Acrylonitrile	3.12	53	629548	232.439	ug/l	99
16) Acetone	2.43	43	633944	221.865	ug/l	99
17) Carbon Disulfide	2.56	76	547925	45.168	ug/l	99
18) Methyl Acetate	2.76	43	382875	46.940	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	721155	49.606	ug/l	99
20) Methylene Chloride	2.84	84	245330	46.397	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	230449	47.155	ug/l	99
22) Diisopropyl ether	3.84	45	800372	50.426	ug/l	99
23) Vinyl Acetate	3.80	43	3106236	256.727	ug/l	99
24) 1,1-Dichloroethane	3.68	63	423594	49.142	ug/l	99
25) 2-Butanone	4.65	43	903639	220.713	ug/l	98
26) 2,2-Dichloropropane	4.57	77	350408	50.787	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	270735	49.499	ug/l	98
28) Bromochloromethane	5.00	49	163135	43.068	ug/l	99
29) Tetrahydrofuran	5.11	42	555772	228.716	ug/l	99
30) Chloroform	5.19	83	417678	48.914	ug/l	96
31) Cyclohexane	5.57	56	393818	48.575	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	357236	49.494	ug/l	98
36) 1,1-Dichloropropene	5.78	75	323094	52.372	ug/l	100
37) Ethyl Acetate	4.81	43	344402	48.742	ug/l	99
38) Carbon Tetrachloride	5.77	117	303700	51.546	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	404200	52.299	ug/l	97
40) Benzene	6.13	78	963539	50.549	ug/l	96
41) Methacrylonitrile	5.02	41	195964	48.606	ug/l	99
42) 1,2-Dichloroethane	6.18	62	337907	51.335	ug/l	99
43) Isopropyl Acetate	6.43	43	568673	49.148	ug/l	99
44) Trichloroethene	7.20	130	267377	49.659	ug/l	92
45) 1,2-Dichloropropane	7.50	63	249720	50.852	ug/l	99
46) Dibromomethane	7.65	93	162824	51.195	ug/l	100
47) Bromodichloromethane	7.89	83	324276	51.985	ug/l	98
48) Methyl methacrylate	7.76	41	281675	50.951	ug/l	98
49) 1,4-Dioxane	7.73	88	98998	844.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1758179	240.754	ug/l	100
52) Toluene	8.78	92	611286	52.170	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	363366	54.099	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	402261	54.440	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	250949	52.310	ug/l	98
56) Ethyl methacrylate	9.17	69	385074	47.442	ug/l	99
57) 1,3-Dichloropropane	9.36	76	417266	50.881	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	656322	272.038	ug/l	100
59) 2-Hexanone	9.48	43	1342031	236.821	ug/l	99
60) Dibromochloromethane	9.57	129	261917	52.306	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257774	50.821	ug/l	99
64) Tetrachloroethene	9.33	164	280769	47.067	ug/l	97
65) Chlorobenzene	10.13	112	655627	50.863	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	240623	50.630	ug/l	99
67) Ethyl Benzene	10.25	91	1177729	53.510	ug/l	100
68) m/p-Xylenes	10.35	106	900656	108.015	ug/l	100
69) o-Xylene	10.69	106	432220	53.694	ug/l	99
70) Styrene	10.70	104	748101	55.402	ug/l	100
71) Bromoform	10.85	173	199521	52.791	ug/l #	99
73) Isopropylbenzene	11.01	105	1168837	52.191	ug/l	100
74) N-amyl acetate	10.89	43	501748	51.127	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	372073	46.532	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	314160m	42.395	ug/l	
77) Bromobenzene	11.25	156	299506	49.782	ug/l	98
78) n-propylbenzene	11.35	91	1342518	52.812	ug/l	100
79) 2-Chlorotoluene	11.42	91	777664	50.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	982008	52.832	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	128503	49.350	ug/l	98
82) 4-Chlorotoluene	11.51	91	907957	51.852	ug/l	100
83) tert-Butylbenzene	11.76	119	917375	52.524	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	986385	52.907	ug/l	100
85) sec-Butylbenzene	11.94	105	1150062	53.749	ug/l	100
86) p-Isopropyltoluene	12.06	119	1056889	53.449	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	542543	50.177	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	540794	49.931	ug/l	100
89) n-Butylbenzene	12.39	91	943593	54.790	ug/l	99
90) Hexachloroethane	12.59	117	183216	49.883	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	539239	50.213	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	76130	44.314	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	373080	53.885	ug/l	100
94) Hexachlorobutadiene	13.78	225	190619	53.492	ug/l	99
95) Naphthalene	13.83	128	1069038	47.921	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372066	53.146	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

